

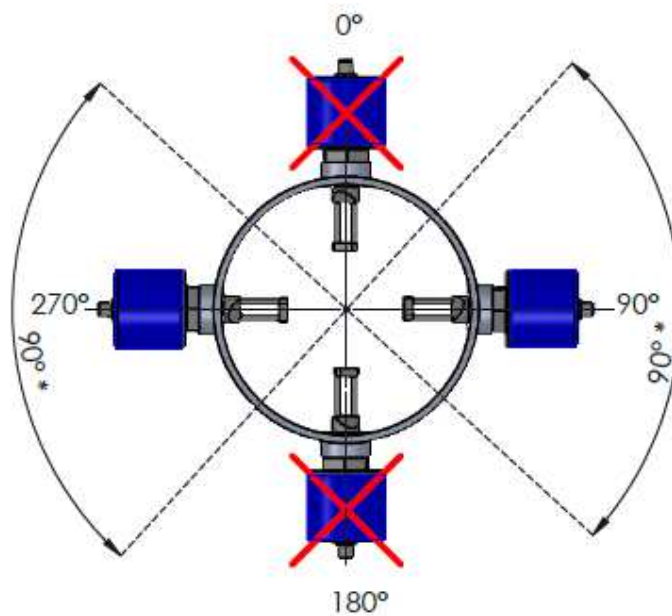
Procedure for proper AFGUARD® installation

Step 1:

Select the best place for installation in the effluent pipe section.



Have a look on the assembly area:



* Montagebereich
ASSEMBLY AREA

Step 2:

Drain the pipe section.

Step 3:

Disconnect the pipe section from the vessel and clean the pipe section from flammable fluids.

Step 4:

Drill the hole for the AFGUARD® socket.

Drilling tools:

HSS cylindrical saw 45mm for a hand drilling

machine AFGUARD® socket stainless steel

FAUDI article number: 600355

HSS cylindrical saw 54mm for a hand drilling

machine AFGUARD® socket aluminium

FAUDI article number: 600356



Please have a look on the welding instruction on the next page.

Allgemein-Toleranzen für Schweißkonstruktionen Längen und Winkel Angaben DIN EN ISO 13920	
toler.	1.00
toler.	20.0
toler.	40.0
toler.	80.0
toler.	160.0
toler.	320.0
toler.	640.0
toler.	1280.0
toler.	2560.0
toler.	5120.0
toler.	10240.0
toler.	20480.0
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Step 5:

Weld the special AFGUARD® socket into the pipe section.



Step 6:

After welding, it is recommended to thread the socket with a G3/4"-thread cutter.



Step 7:

Proceed a pressure test to ensure the required PN rating of the pipe section.

Step 8:

Reassemble the pipe section (ensure to use good working seals).

Step 9:

Install the AFGUARD® in the socket with the provided special KLINGERSIL-sealing.

Use the special AFGUARD® torque spanner to achieve the recommended torque of 50Nm.



Step 10:

Connect the AFGUARD® to the control system of the truck / tank farm by the use of the blue two wire cable.

For hazardous area use please ensure to only use an AFGUARD® together with a suitable barrier with power supply – see next page.

Electrical connection of the AFGUARD® on a control system

